

MATERIAL SAFETY DATA SHEET

PRMI

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SECTION 1 Product Identification

CHEMICAL NAME: HEXACHLORODISILANE

PRODUCT NUMBER: 1962-EG

CAS REGISTRY NUMBER: 13465-77-5

SYNONYM: Silane Hexachloride, Disilicon hexachloride, Disilane, Hexachloro

FORMULA: Si₂Cl₆

EINECS NO: 236-704-1

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Hexachlorodisilane	13465-77-5	100	No data	No data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: **CORROSIVE** Causes Burns Harmful by Inhalation, in contact with skin and eyes, and if swallowed. **WATER REACTIVE** Reacts with water to produce corrosive HCl fumes; possibly highly flammable reaction.

PRIMARY ROUTES OF EXPOSURE: Inhalation, Ingestion, Skin and eye contact.

EYE CONTACT: Strong corrosive and irritating effect. Causes burns; can cause conjunctivitis, corneal damage.

SKIN CONTACT: Corrosive effect on skin. Causes burns, cyanosis or pale color.

INHALATION: Corrosive and destructive to mucous membranes and respiratory tract.

INGESTION: Corrosive effect, burns, perforation of digestive tract. May cause systemic effects.

SUBACUTE TO CHRONIC TOXICITY: Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. **May cause corneal damage, conjunctivitis.**

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Remove contacts if easily possible. Get immediate, professional care from qualified physician or emergency care facility.

SKIN EXPOSURE: Wash affected area with copious amounts of water for at least 15 minutes. Remove contaminated clothes and shoes if necessary. Seek medical assistance immediately.

INHALATION: Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. If not breathing administer CPR. If having trouble breathing give oxygen if available. Seek immediate medical assistance.

INGESTION: Do not induce vomiting. Rinse out mouth with water provided person is conscious. Seek medical assistance immediately.

NOTE: Material can form a siloxane polymer on skin, eyes, or in the lungs.